WHAT IS CLAIMED AS NEW AND IS DESIRED TO BE SECURED BY LETTERS PATENT OF THE UNITED STATES:

1. A method for inputting information including coordinate data, comprising:

providing at least one camera at a corner of a display;

extracting, based on outputs from the at least one camera, a predetermined object from an image including the predetermined object above a plane;

recognizing, based on outputs from the at least one camera, a shape of the predetermined object and determining whether the predetermined object is a coordinate input member;

detecting, based on outputs from the at least one camera, a motion of the predetermined object while the predetermined object is within a predetermined distance from the plane; and

determining whether to input predetermined information.

2. A method for inputting information including coordinate data according to claim 1, wherein the at least one camera includes at least two cameras in opposite corners of the display.

3. A device for inputting information including coordinate data, comprising:

at least one camera at a corner of a display;

an object extracting device configured to extract a predetermined object from an image including the predetermined object above a plane;

a shape recognition device configured to recognize a shape of the predetermined object and determine whether the predetermined object is a coordinate input member;

a motion detector device configured to detect a motion of the predetermined object while the predetermined object is within a predetermined distance from the plane; and

a controller configured to determine whether to input predetermined information.

4. A device for inputting information including coordinate data according to claim 3, wherein the at least one camera includes at least two corners in opposite corners of the display.

5. A device for inputting information including coordinate data, comprising:

at least one imaging means at a corner of a display;

means for extracting, based on outputs from the at least one imaging means, a predetermined object from an image including the predetermined object above a plane;

means for recognizing, based on outputs from the at least one imaging means, a shape of the predetermined object and determining whether the predetermined object is a coordinate input member;

means for detecting, based on outputs from the at least one imaging means, a motion of the predetermined object while the predetermined object is within a predetermined distance from the plane; and

means for determining whether to input predetermined information.

6. A device for inputting information including coordinate data according to claim 5, wherein the at least one imaging means includes at least two imaging means in opposite corners of the display.

7. A device for inputting information including coordinate data, comprising:

an object extracting device configured to extract a predetermined object from an image including the predetermined object above a plane;

a shape recognition device configured to recognize a shape of the predetermined object and determine whether the predetermined object is a coordinate input member;

a motion detector device configured to detect a motion of the predetermined object while the predetermined object is within a predetermined distance from the plane; and

a controller configured to determine whether to input predetermined information.